




STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION  
SUITE 600, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 741-3301

JOHN C. SCHROER  
COMMISSIONER

BILL HASLAM  
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Operations  
FROM:  Ronnie Porter, Director, Program Development and Administration Division  
SUBJECT: **Proprietary Item Request and Justification for Sevierville for Pelco IntelliCross APS**

I, Ronnie Porter, Director of the Program Development and Administration Division, request approval for the City of Sevierville to be certified to utilize the following proprietary item(s) over the next three years, where Federal funding is used:


Pelco IntelliCross accessible pedestrian signals (APS) and pushbuttons

**Justification**

The City of Sevierville is upgrading its pedestrian signal infrastructure to be compliant with the PROWAG. Sevierville currently utilizes a total of twelve (12) Pelco pushbuttons at signalized intersections, and there are plans to install sixteen (16) additional Pelco pushbuttons at other intersections within the city using local funds. For synchronization, the City wishes to install six (6) Pelco pushbuttons with the Sevier County Tourist Corridor Intelligent Transportation System project and this type of pedestrian APS equipment on future projects. (see attached letter).

If you have any questions or comments, please contact **Stanley Burnette** at (615)741-0805 with the Local Programs Development Office or at [Stanley.X.Burnette@tn.gov](mailto:Stanley.X.Burnette@tn.gov).

I, Ronnie Porter, Program Development and Administration Division Director, of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.

 , Director, Traffic Operations  
Recommendation for Approval

  
Assistant Chief Engineer of Operations

7/25/10  
Date



## Public Works Department

June 29, 2018

Mr. Steve Bryan, P.E.  
TDOT Traffic Operations Division  
James K. Polk Building, Suite 1300  
505 Deaderick Street  
Nashville, TN 37243

RE: TDOT Project Numbers 78LPLM-F1-014 and 78LPLM-F1-027

Dear Mr. Bryan,

The City of Sevierville would like to request the use of the Pelco IntelliCross accessible pedestrian signal (APS) and pushbuttons in conjunction with the above referenced projects (Sevier County Tourist Corridor Intelligent Transportation System) and at all future traffic signals that are maintained and operated by the City over the next three (3) years. This request encompasses all projects that will be completed using either federal or state funding. Sevierville currently utilizes a total of twelve (12) Pelco pushbuttons at signalized intersections, and there are plans to install sixteen (16) additional Pelco pushbuttons at other intersections within the city using local funds. Additionally, the City wishes to install six (6) Pelco pushbuttons with this project.

The Pelco IntelliCross APS system adheres to the requirements outlined in the Public Rights of Way Accessibility Guidelines (PROWAG), which TDOT has formally adopted as the state standard. The Pelco pushbuttons include audible and vibrotactile indications of when the WALK pedestrian signal intervals are being displayed for a particular approach. Additional features of the pushbutton that the City of Sevierville values include the ability to record message to announce the street name and/or countdown duration and the ability to communicate to the signal cabinet without installing additional wires to each pushbutton (the button can place a call using the neutral wire).

Through on-the-job experience, the City of Sevierville's technicians have become familiar with the operation of Pelco IntelliCross APS and its components, and the City maintains an inventory of parts for routine maintenance. The technicians are also familiar with the programming software for the pushbuttons; receiving training from Pelco.

Thanks for your consideration concerning this request as the City of Sevierville works to upgrade its pedestrian signal infrastructure to be compliant with the PROWAG. If you have any questions, please contact me by phone at (865) 429-4567 or email at [bfortner@seviervilletn.org](mailto:bfortner@seviervilletn.org).

Sincerely,

Bryon W. Fortner, P.E.  
Public Works Director